



>>Entry Name: 5-Nitro-2-pyridinecarboxylic acid, 9Cl

Synonym(s): 5-Nitro- α -picolinic acid

CAS Registry Number: 30651-24-2

Molecular Formula: $C_6H_4N_2O_4$

Molecular Weight: 168.109

Accurate Mass: 168.017108

Percentage Composition: C 42.87%; H 2.40%; N 16.66%; O 38.07%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 217-218° (210°)

>>Derivative: Me ester

CAS Registry Number: 29682-14-2

Molecular Formula: $C_7H_6N_2O_4$

Molecular Weight: 182.135

Accurate Mass: 182.032758

Percentage Composition: C 46.16%; H 3.32%; N 15.38%; O 35.14%

Physical Description: Yellow needles (CHCl₃/hexane)

Melting Point: Mp 154°

References:

Deady, L.W. *et al.*, *Aust. J. Chem.*, 1971, **24**, 385-392, (*synth, Me ester*)

Cooper, G.H. *et al.*, *Synthesis*, 1971, 31, (*synth*)

Schneider, M.J. *et al.*, *J.O.C.*, 1984, **49**, 3681-3684, (*synth*)